

CLAIMS

1. A catalyst for selectively oxidizing carbon monoxide in reformed gas with oxygen gas, the catalyst comprising a porous carrier, and ruthenium and/or platinum carried by said porous carrier,

wherein said porous carrier contains α -alumina, and purity of said alumina is 99.95% or above.

2. The catalyst as set forth in claim 1, wherein a particle diameter of said ruthenium and/or platinum is 200 Å or below.